

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

UMEK *et al.*

Serial No. 09/626,096

Filed: July 26, 2000

For: *Sequence Determination of  
Nucleic Acids Using Electronic  
Detection*

Examiner: CALAMITA, Heather G.

Art Unit: 1637

Confirmation No. 8157

CERTIFICATE OF ELECTRONIC TRANSMISSION

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Dated: October 27, 2006

Signed:   
Brent Yorihara

RESPONSE TO FINAL OFFICE ACTION

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants have considered the final Office Action mailed July 27, 2006 and offer the following amendments and remarks. This response is being filed on or before October 27, 2006, thus making it a timely response. Although the Applicants do not believe any additional fees are required, the Commissioner is authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 50-2319 (File No. 463037-00204; Docket No.: A-68271-2).

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 4 of this paper.